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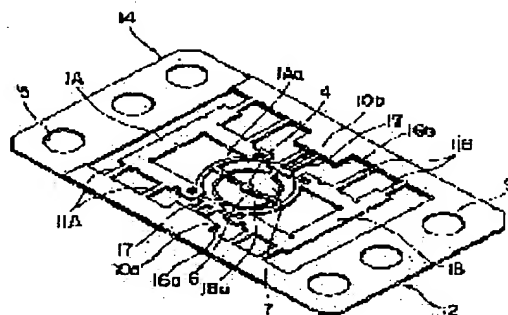
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(54) LAMP DEVICE FOR OPTICAL COMMUNICATION AND MANUFACTURING METHOD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a low cost reflecting LED lamp device and a manufacturing method therefor, in which a manufacturing process is greatly shortened, superior in mass production, strong and heat-resistant, and wherein a lead frame in which a LED chip is attached to a lead terminal and a material having a concave reflecting mirror opposite the LED chip are integrally molded through the use of resin.

SOLUTION: A framed lead frame 12, in which lead frames 1A and 1B are supported on a frame 10 by supporting legs 11A and 11B and a framed concave reflecting mirror 14 in which a concave reflecting mirror 7, is supported on a frame 16 by a supporting leg 17 and which is provided with bright plating are manufactured by punching or etching and press-molding of a metallic sheet, integrally molded by jointing the frames to each other, and a device body containing a LED chip and the concave reflecting mirror 7 is embedded completely in a transparent resin 2 by molding, after which each supporting legs 11A, 11B and 17 is cut down and separated from each frame.



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